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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/733,725	12/11/2003	Chulho Kim	POU920030208US1	8581

7590
Philmore H. Colburn II
Cantor Colburn LLP
55 Griffin Road South
Bloomfield, CT 06002

03/25/2009

EXAMINER

ENGLAND, DAVID E

ART UNIT	PAPER NUMBER
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2443

MAIL DATE	DELIVERY MODE
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03/25/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary (For use in the First Action Interview Pilot Program)	Application No.	Applicant(s)	
	10/733,725	KIM ET AL.	
	Examiner	Art Unit	Page 1 of 3
	DAVID E. ENGLAND	2443	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE **ONE MONTH OR THIRTY (30) DAYS**, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

This time period for reply is extendable under 37 CFR 1.136(a) for only ONE additional MONTH. This communication constitutes notice under 37 CFR 1.136(a)(1)(i).

☐ Applicant's request to not have a first-action interview is acknowledged.

Status

- 1) ☒ Responsive to communication(s) filed on 21 January 2009 and interview conducted on 10 March 2009.
 2) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 3) ☒ Claim(s) 1-20 is/are pending in the application.
 3a) Of the above claim(s) _____ is/are withdrawn from consideration.
 4) ☐ Claim(s) _____ is/are allowed.
 5) ☒ Claim(s) 1-20 is/are rejected.
 6) ☐ Claim(s) _____ is/are objected to.
 7) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 8) ☐ The specification is objected to by the Examiner.
 9) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 10) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 11) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

Contact Information

Examiner's Telephone Number: (571)272-3912
 Examiner's Typical Work Schedule: Mon-Thur, 7:00-5:00
 Supervisor's Name: Tonia Dollinger
 Supervisor's Telephone Number: 571-272-4170

Attachment(s)

- | | |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input checked="" type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. <u>03/10/2009</u> |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Office Action Summary

Application No.

10/733,725

Applicant(s)

KIM ET AL.

Examiner

DAVID E. ENGLAND

Art Unit

2443

Page 2 of 3

Notification of Rejection(s) and/or Objection(s)

#	Claim(s)	Reference(s) (if applicable)	Rejection Statutory Basis	Brief Explanation of Rejection
1	3		112, 2nd	Claim 3 recites the limitation of "selected interval is about 100 milliseconds". This limitation is indefinite since there is no real limit, range or definite number, i.e.,...
2	18		112, 2nd	Claim 18 recites the limitation of "wherein said parameters". There is insufficient antecedent basis for this limitation in the claim. (cont')
3	1,6,8,9,15,17,18	A	102(a)	Claim 1 (col. 4, line 29-44); Claims 6 & 15 (col. 4, lines 17-65); Claims 8 & 17 (col. 4, lines 17-65); Claims 9 & 18 (col. 4, lines 17-65).
4	2,4,5,10,11,13,14,19,20	A,B	103(a)	2 (col. 1, line 39-col. 2, line 27 & col. 9, line 11-65 & col. 5, lines 1-43), 'A' doesn't teaches specific multi packet. 'B' discloses this, (col. 9, lines 54 et seq.). It would be obvious to only use a counter with...
5	3,12	A,B	103(a)	'A' teaches Claims 3 and 12 (col. 1, lines 52-67, timer is set so therefore it is up to the user to set the time to whatever they seem fit, i.e., 100 ms.).

Expanded Discussion/Commentary

1 the term "about" make the claim indefinite.
2	...	It would appear that the Applicant wishes for claim 18 to depended from claim 17, not 10.
4 multiple packets because doing such would cut down on interrupt times since packets are processed in groups not individually. Claims 10,11,19 and 20 are rejected in the same light as claims 1 and 2. Claims 4,5,13,14 are similar in nature just stated differently. Both of which 'B' teaches, i.e., it will not process unless a couple of packes are counted for.

DATE:
3/10/2009/David E. England/
Examiner, Art Unit 2443

Office Action Summary

Application No.

10/733,725

Applicant(s)

KIM ET AL.

Examiner

DAVID E. ENGLAND

Art Unit

2443

Page 3 of 3

Notification of Rejection(s) and/or Objection(s)

#	Claim(s)	Reference(s) (if applicable)	Rejection Statutory Basis	Brief Explanation of Rejection
6	7,16	A,B,C	103(a)	'A' and 'B' do not teach a namespace based on a selected sender. 'C' does (col. 5, line 14- col. 6, line 10). It would have been obvious to use namespaces since each packet netowrk has a namepsace...

Expanded Discussion/Commentary

6		, a set of addresses that is recognizes as sources for or destinations for packets. If a packet network receives a packet whose source or destination address is not part of the namespace of the network, the message is not forwarded. Therefore adding a level of security and blocking unrecognized nodes and/or users.

DATE:
3/10/2009

/David E. England/
Examiner, Art Unit 2443

Interview Summary

Application No.

10/733,725

Applicant(s)

KIM ET AL.

Examiner

DAVID E. ENGLAND

Art Unit

2443

All participants (applicant, applicant's representative, PTO personnel):

(1) DAVID E. ENGLAND. (3) _____

(2) M. Brad Lawrence Reg. No. 47210. (4) _____

Date of Interview: 10 March 2009.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: _____

Claim(s) discussed: 1 and 2.

Identification of prior art discussed: Connor 6868466 and Connor 6993613.

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

/David E. England/
Examiner, Art Unit 2443

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant's representative contacted the Examiner to discuss the claims and proposed claim amendments, i.e., claim 2 into claim 1. The Attorney of record stated that Connor 6993613 did not teach all three criteria that is needed for the interrupt to exit, more specifically the time interval. Examiner stated that this was stated in the proposed amendment nor in claim 2. What is stated is at least two criteria needs to happen in order to exit the interrupt. Connor 6993613 teaches everything but the time, which is what is stated in claim 2. Connor 6868466 teaches the time interval in multiple areas as stated in claim 2 but was not specifically relied upon. Examiner stated that if the Applicant wishes to submit an official amendment that they should make sure that all three criteria are stated to be met, if that is what they desire. The Examiner also stated that the Applicant must look at the other prior art to make sure that the amendment is not taught by the other prior art..

Notice of References CitedApplication/Control No.
10/733,725Applicant(s)/Patent Under
Reexamination
KIM ET AL.Examiner
DAVID E. ENGLANDArt Unit
2443

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,868,466 B2	03-2005	Connor, Patrick L.	710/260
*	B	US-6,993,613 B2	01-2006	Connor et al.	710/260
*	C	US-6,473,426 B1	10-2002	Killian, Thomas Joseph	370/393
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.